

## NINETEENTH CENTURY HYDROGRAPHIC CHARTS: A PRELIMINARY CHECKLIST

A neglected source of historical data are the nineteenth century charts of New Zealand coastal waters and harbours published by the Hydrographic Office of the British Admiralty. Because of their very nature, many charts do not survive, being destroyed as soon as a new or corrected edition is published. Thus no New Zealand library has as yet a complete set of the charts noted on the following checklist, and indeed a number of the charts may not even be in New Zealand. Information on some of the earliest published titles was obtained from the Hydrographic Office *Catalogue of Charts, Plans, Views, and Sailing Directions, etc.* (London, 1846). As far as is known, the most complete holding of nineteenth century charts is in the Alexander Turnbull Library, Wellington, while the General Assembly Library has a fairly complete collection of those published in the latter half of the century.

It must be emphasised that the list given is only tentative, and that no attempt has been made to note the dates of numerous corrections and additions made to many of the charts. It is planned to compile and eventually publish a definitive bibliography of these charts, and to note in which New Zealand libraries copies of each chart are held. This will only be possible through the cooperation and assistance of all librarians. Thus firstly, the compiler would welcome any omissions or errors in the list being brought to his attention. Secondly, the co-operation of librarians in completing and returning a holdings schedule to be circulated within the next month would be greatly appreciated. While an attempt will be made to ensure that all libraries likely to have holdings of nineteenth century hydrographic charts will receive a copy of the schedule, it is possible that one or two will be missed. If your library does hold copies of these charts, and you do not receive a schedule within five weeks, please write requesting one.

The first New Zealand chart was of Lauriston [Doubtless] Bay (No. 1089), published in 1781 and based on a French manuscript map of the area. It was not until 1816 that a second chart appeared (No. [1212]), followed by three more in 1833. Thereafter there was a more rapid publication of them, with the decade of the 1850s being most prolific with 48 of the 93 charts listed being published. The year

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1857 saw the peak with 25 New Zealand charts making their initial appearance. Although the checklist is limited to the nineteenth century, two charts have been included which were published in the early years of the present century since these were the result of surveys carried out before 1900.

For the first half of the nineteenth century the charts issued were haphazard insofar as geographic location was concerned, being published whenever the Hydrographic Office obtained the necessary information. Indeed, many were based on observations by French exploring expeditions, as for example those led by Duperrey (1824) and Dumont D'Urville (1826-27). No attempt was made to provide any logical coverage of the country.

All the charts listed as having been surveyed between the years 1849 and 1855 inclusive were the result of the work of Captain J. L. Stokes and Commander Byron Drury of H.M.S. *Acheron* and H.M.S. *Pandora* respectively. Theirs was the first complete hydrographic survey of New Zealand waters and it was not until 1901-05 that a second and supplementary survey was undertaken, this time by H.M.S. *Penguin*.

Besides the British hydrographic charts listed here, many charts of New Zealand were published by the French Dépôt-Générale de la Marine in Paris, and to a lesser extent by various authorities and publishers in Australia and New Zealand. These will eventually be the subjects of separate research.

#### CHECKLIST OF NINETEENTH CENTURY HYDROGRAPHIC CHARTS

Chart No.	Title	Date of Survey	Date of Publication
615	George, Bligh and Milford Sounds	1851	1884
695	Cook Strait	1849-51	1878
719	Dusky and Breaksea Sounds	1851	1872
720	Preservation and Chalky Inlets	1851	1872
768	Daggs Sound to Caswell Sound	1851	1873
1089	Lauriston Bay	1769	1781
1090	The Bay of Islands in Eaheinomauwe New Zealand	1824	1833
1090	Bay of Islands	1824/1830-32	1836
1090	Bay of Islands	1849	1857
1091	Shookianga River (subsequently retitled "Hokianga Harbour")	n.d.	1833
1091A	Hokianga River	1851	1857
1091B	Hokianga River (Upper part)	1851	1861
1092	Wangeroa Bay	1834	1836
1092	Wangeroa Bay (Subsequently retitled "Wangaroa Bay" and then "Whanga- roa Bay and Harbour")	1849	1850

<i>Chart No.</i>	<i>Title</i>	<i>Date of Survey</i>	<i>Date of Publication</i>
1093	Shouraka Gulf and the Mouth of the River Thames	1769-1834	1836
1094	Kaihow Harbour (Subsequently retitled "Maurhangi Harbour")	1834	1836
1095	Port Hardy	1834	1836
1096	Current Basin	1827	1836
1096	Current Basin and French Pass	1854	1857
1097	Blind Bay Western Shore (Subsequently retitled "Torrent Bay and Astrolabe Road on the West Shore of Blind Bay")	1827	1836
1098	Port Gore	1834	1836
1099	South Point of T'Avai Poenamoo/Dusky Bay from Vancouver's Voyage and Port Chalky from M. Duperrey's Atlas	1824/n.d.	1833
1108	River Thames (Waiho)	1886	1888
1108	River Thames (Waiho)	1887	1911
1117	Manukau Harbour	1845	1846
[1212]	A Chart of New Zealand Explored by Captain James Cook in 1769 & 1770 In His Majesty's Bark The Endeavour	1769/70	1816
1212	The Islands of New Zealand Compiled from the Voyages of Captain Cook and all the subsequent British and French Navigators	n.d.	1838
1212	New Zealand	1848-55	1856
1212	New Zealand	1848-55	1885
		with Additions.	
1272	Port Underwood in Cloudy Bay	1837	1840
1273	Port Nicholson, or Wangenua-tera	1826	1840
1275	Tutukaka Harbour and Nongodo River in the Gulf of Shouraka (Subsequently retitled "Tutukaka Harbour and Ngunguru River in Hauraki Gulf")	1837	1840
1281	Doubtful Harbour/Anchor Island Harbour/Facile Harbour/Pickersgill Harbour	1793/1791	1840
1328	Rouabouki Road	1839	1840
1349	Wai-temata Harbour	1840	1840
1414	Tory Channel	1839	1841
1423	Port Nicholson	1839	1842
1423	Port Nicholson	1849	1856
1509	Harbours and Anchorages in South Island—Picton Harbour (Waitohi Bay)	1896	1897
1512	Anchorages On and Off the North Coast of North Island—(a) Three King Islands (b) Port Mangonui	1845-87/ 1895	1898
1575	Akaroa	1840	1844
1575	Akaroa Harbour	1849-50	1874
1595	Tokolabo and Koko-Rarata Bays, with Views	1840	1844
1694	Wakaroa	1840	1845

<i>Chart No.</i>	<i>Title</i>	<i>Date of Survey</i>	<i>Date of Publication</i>
1791	Port Monganui in Lauriston Bay (Subsequently retitled "Port Monganui in Doubtless Bay")	1845	1847
1896	Entrances to Auckland Harbour	1849-55	1857
1949	Wangaruru Harbour	1845	1849
1970	Auckland Harbour	1848	1849
1970	Auckland Harbour	1848-55	1857
1995	New Plymouth or Taranaki Road	1849	1850
1998	Kawau Island	1849	1850
1999	Tewhaka, Koko-Rarata and Wakaroa Bays (Subsequently retitled "Port Cooper (Tewhaka), Port Levy (Koko-Rarata), and Pigeon Bay (Wakaroa)")	1849	1850
2024	Wangaruru Harbour (Subsequently retitled "Whangaruru Harbour")	1849	1851
2031	Nelson Anchorage	1849	1851
2035	Coromandel Harbour	1850	1851
2047	Wangari Harbour (Subsequently retitled "Whangarei Harbour")	1849	1851
2054	Cook Strait from Rock's Point to Cape Palliser	1849-51	1855
2054	Cook Strait and the Coast to Cape Egmont	1849-51	1858
2178	Banks Peninsula	1850	1853
2178	Anchorage on the East Coast [South Island] (a) C. Campbell (b) Welds Anchorage & Flaxbourne Approaches (c) Waiau-ua River (d) Kaikoura Peninsula (e) Gore Bay	1850/1868	1870
2185	Nelson Anchorages	1850	1853
2411	Otago Harbour (Subsequently retitled "Otago Harbour or Port Chalmers"; and then "Otago Harbour from the Entrance to Dunedin")	1850	1855
2513	Ahuriri Road and Port Napier	1855	1857
2520	Rangounou or Awanui	1852	1857
2521	Tauranga Harbour	1852	1857
2524	Kawhia Harbour	1854	1857
2525	The Northern Coast from Hokianga on the West to Tutukaka on the East	1849-55	1857
2527	Mayor Id. to Poverty Bay	1853	1857
2528	Poverty Bay to Castle Pt. and Continuation to Cape Palliser	1849-55	1857
2529	Cape Campbell to Banks Peninsula	1849-51	1857
2532	Ninety Miles Beach to Otago	1849-51	1857
2533	Otago to Maitara River	1849-51	1857
2534	Whaingaroa Harbour (Subsequently retitled "Raglan Harbour (Whaingaroa)")	1854	1857

<i>Chart No.</i>	<i>Title</i>	<i>Date of Survey</i>	<i>Date of Publication</i>
2535	Manukau Harbour to Cape Egmont	1849-54	1857
2540	Awarua or Harbr. of the Bluff and New River (Subsequently retitled "Awarua or Bluff Harbour and New River")	1850	1857
2541	Paterson Inlet and Port William	1849	1857
2542	Port Pegasus, Port Adventure & Lords River—South or Stewart Island	1849-50	1857
2543	The West Coast from Monganui Bluff to Manukau Harbour. The East Coast from Tutukaka Hr. to Mayor Island Including Hauraki Gulf	1849-55	1857
2546	Waitemata River	1854	1857
2553	Foveaux Strait and South Id. [i.e. Stew- art Is.] (Subsequently retitled "Foveaux Strait and Stewart Id.")	1850-51	1857
2559	Great Barrier Island Ports and Anchor- ages	1849	1857
2574	Mercury Bay	1852	1857
2588	Entry Anchorage/Porirua Harbour and Mana Island	1850/n.d.	1858
2589	Foveaux Strait to Rr. Awarua on the West Coast	1850-51	1858
2590	R. Awarua to Abut Head (subsequently retitled "R. Awarua to R. Waiau")	1851	1858
2591	Abut Head to Cape Foulwind (subse- quently retitled "R. Waiau to Cape Foulwind")	1851	1858
2614	Kaipara Harbour	1852	1858
2616	C. Foulwind to D'Urville Id. Including Blind & Massacre Bays (subsequent- ly retitled "C. Foulwind to D'Urville Id. Including Tasman (Blind) & Golden (Massacre) Bays")	1851	1858
2684	Cook Strait Anchorages Sheet 1. D'Ur- ville Island to the Entrance of Queen Charlotte Sound	1849-53	1859
2685	Cook Strait Anchorages Sheet 2. Croisilles Harbour, Pelorous Sound, Port Gore, Queen Charlotte Sound, Tory Chan- nel & Port Underwood	1849-53	1859
2726	Manukau Harbour	1853	1860
2800	Hokianga River (Upper Part)	1851	1861
3629	Hokitika to Otago Harbour. Including Cook Strait	1849-54	1907

NOTE: Numbers do not appear on some of the first printings of the earliest charts, but were added to later copies, often without any other change.